

Bioactive

Defb4a (Mouse) Recombinant Protein

Catalog # P8449

Size 20 ug

Specification

Product Description	Mouse Defb4a (O15263) recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	AVGSLK SIGYEALDHCHTNGGYCVRAICPPSARRPGSCFPEKNPCCKYMK.
Host	Escherichia coli
Theoretical MW (kDa)	5.5
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 98% by HPLC and SDS PAGE
Activity	Determined by the ability to chemoattract immature human dendritic cells at a concentration of 10-100 ng/mL.
Storage Buffer	Lyophilized from PBS, pH7.4.
Storage Instruction	Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Applications

- Functional Study
- SDS-PAGE

Gene Info — DEFB4

Entrez GeneID

[1673](#)

Protein Accession#	O15263
Gene Name	DEFB4
Gene Alias	DEFB-2, DEFB102, DEFB2, HBD-2, SAP1
Gene Description	defensin, beta 4
Omim ID	266600 602215
Gene Ontology	Hyperlink
Gene Summary	Defensins form a family of microbicidal and cytotoxic peptides made by neutrophils. Members of the defensin family are highly similar in protein sequence. This gene encodes defensin, beta 4, an antibiotic peptide which is locally regulated by inflammation. [provided by RefSeq]
Other Designations	defensin, beta 2 skin-antimicrobial peptide 1

Disease

- [Crohn Disease](#)
- [Cystic fibrosis](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Inflammatory Bowel Diseases](#)
- [Pancreatitis](#)
- [Psoriasis](#)
- [Pulmonary Disease](#)